

REMARKS

With this amendment, corrections to the citations in the Information Disclosure Statement mailed May 16, 2001 have been introduced. No new matter has been added. A courtesy copy of a replacement 1449 for the Information Disclosure Statement mailed May 16, 2001 is attached hereto as Appendix B. Thus, there are now two Information Disclosures filed in the above identified case. The first one, citing 31 references (AA-AL; AC-AL; and AC-AK), was filed May 16, 2001. The second one, citing 17 additional references (BA-BQ), was filed on March 6, 2003.


CONCLUSION

It is believed that no fee is required for this Amendment. If a fee is required, the Commissioner is authorized to charge any fee required for this Amendment to Deposit Account No. 16-1150 (Order No. 011090-035-999).

Respectfully submitted,

PENNIE & EDMONDS LLP

Date: March 6, 2003

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APPENDIX A

In this Appendix, deleted matter is bracketed and inserted matter is underlined.

From the PTO-1449 Form filed May 16, 2001, Sheet 1 of 3

U.S. PATENT DOCUMENTS

AA 5,917,322 A Jun. 29, 1999 Gershenfeld et al. 324 307

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- AC [Blatter, G. et al.] Gianni Blatter, Vadim B. Geshkenbein, and Lev B. Ioffe, "Design aspects of superconducting-phase quantum bits", [The American Physical Society (2001)] Physical Review B, Vol. 63, [Pages] 174511, pp. 1-9 [-1 to 174511-9] (2001).
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- AI [Grover, L.,] Lov K. Grover, "A fast quantum mechanical algorithm for database search", ArXiv.org: quant-ph/9605043, [Pages] pp. 1-8 (1996).
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- AK [Jacobs, A. et al.,] Arne Jacobs, Reiner Kümmler, and Hartmut Plehn, "Proximity Effect, Andreev Reflections, and Charge Transport in Mesoscopic Superconducting-Semiconducting Heterostructures" [(1998) eight pages.], ArXiv.org: cond-mat/9810343, pp. 1-8, (1998).

- AL [Jones, J. et al.,] Jonathan A. Jones, Michele Mosca, and Rasmus H. Hansen, "Implementation of a quantum search algorithm on a quantum computer", [Nature (1998)] Nature, Vol. 393, [Pages] pp. 344-346 (1998).

From the PTO-1449 Form filed May 11, 2001, Sheet 2 of 3

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- AD [Schulz, R. et al.,] R. R. Schulz, B. Chesca, B. Goetz, C. W. Schneider, A. Schmehl, H. Bielefeldt, H. Hilgenkamp, J. Mannhart, and C. C. Tsuei, "Design and realization of an all d-wave dc π -superconducting quantum interference device", [American Institute of Physics (2000)] Applied Physics Letters, Vol. 76, [Pages] pp. 912-914 (2000).
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- AH [Tafuri, F. et al.,] F. Tafuri, F. Carillo, F. Lombardi, F. Miletto Granozio, F. Ricci, U. Scotti di Uccio, A. Barone, G. Testa, E. Sarnelli, and J. R. Kirtley, "Feasibility of biepitaxial $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Josephson junctions for fundamental studies and potential circuit implementation", [The American Physical Society (2000)] Physical Review B, Vol. 62, [Pages] pp. 431-438 (2000).
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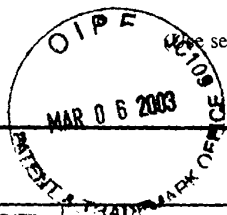


APPENDIX B

Replacement 1449 for the Information Disclosure Statement mailed May 16, 2001.

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LIST OF REFERENCES CITED BY APPLICANT



(Use several sheets if necessary)

ATTY DOCKET NO.

11090-035-999

APPLICATION NO

09/839,636

APPLICANT

Mohammad Amin

FILING DATE

April 20, 2001

GROUP

2881

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,917,322	6/29/99	Gershenfeld et al.	324	307	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AC	Gianni Blatter, Vadim B. Geshkenbein, and Lev B. Ioffe, "Design aspects of superconducting-phase quantum bits", <i>Physical Review B</i> , Vol. 63, 174511, pp. 1-9 (2001).
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AG	Aykutlu Dâna, Charles Santori, and Yoshihisa Yamamoto, "Electrostatic force spectroscopy of a single InAs quantum dot", <i>ArXiv.org: cond-mat/0103125</i> , pp. 1-5 (2001).
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AK	Arne Jacobs, Reiner Kümmel, and Hartmut Plehn, "Proximity Effect, Andreev Reflections, and Charge Transport in Mesoscopic Superconducting-Semiconducting Heterostructures", <i>ArXiv.org: cond-mat/9810343</i> , pp. 1-8, (1998).
AL	Jonathan A. Jones, Michele Mosca, and Rasmus H. Hansen, "Implementation of a quantum search algorithm on a quantum computer", <i>Nature</i> , Vol. 393, pp. 344-346 (1998).
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EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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